

SYLLABUS

COURSE # AND TITLE _COMP235 Nat Gas Comp Prevnt Mnt ___ **# OF CREDITS** __4__

CATALOG DESCRIPTION: This course studies compressor preventative maintenance and provides students with the techniques, skills and procedures to adequately perform routine preventative maintenance on natural gas compressors.

Semester Offered: Fall, Spring and Summer

Prerequisites: COMP231

Common Student Learning Outcomes

Upon successful completion of San Juan College programs and degrees, the student will....

<i>Learn</i>	<i>Students will actively and independently acquire, apply and adapt skills and knowledge to develop expertise and a broader understanding of the world as lifelong learners.</i>
<i>Think</i>	<i>Students will think analytically and creatively to explore ideas, make connections, draw conclusions, and solve problems.</i>
<i>Communicate</i>	<i>Students will exchange ideas and information with clarity and originality in multiple contexts.</i>
<i>Integrate</i>	<i>Students will demonstrate proficiency in the use of technologies in the broadest sense related to their field of study.</i>
<i>Act</i>	<i>Students will act purposefully, reflectively, and respectfully in diverse and complex environments.</i>

GENERAL LEARNING OBJECTIVES

1. Service compressor oil/lubrication system as needed
2. Perform scheduled sampling of compressor lubricating oil
3. Adjust lubricators as needed

SPECIFIC LEARNING OUTCOMES

Upon successful completion of the course, the student will be able to ...

1. Inspect compressor for oil and gas leaks
2. Inspect compressor mounts for looseness
3. Understand wear band specifications
4. Determine piston ring wear
5. Check piston rod run out
6. Understand check valves
- 7.

Syllabus developed by __Randy R Randall and Linda J Martinez__ **Date:** __February 15, 2006__

Syllabus reviewed by _____ **Date:** _____

A current syllabus must be on file in the dean's office for every course being taught during a given semester.